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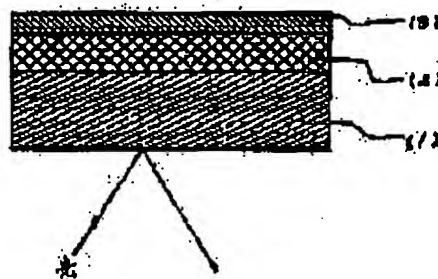
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(54) DIFFUSION REFLECTING FILM

(57)Abstract:

PROBLEM TO BE SOLVED: To improve undirectivity of paper whiteness by forming a metal deposition layer at an opposite side of a reflection using surface of a plastic film base material containing white pigment and specifying total ray permeability, and forming a corrosion inhibiting layer on the deposition layer, thereby enhancing diffusion reflectivity.

SOLUTION: The diffusion reflecting film comprises metal deposition layers 2 formed on a reflection using surface and its opposite surface of a base material 1 and corrosion inhibiting layers 3 on the layers 2. As the material 1, a plastic film containing white pigment and having total ray permeability of 50% or less is used. The layer 2 is formed by a film forming method such as a vacuum deposition method, sputtering method or ion plating method. As the layer 2, sole silver, alloy of the silver and other metal, or laminate of silver and other metal is preferable. As the layer 3, paint made of thermoplastic resin, thermosetting resin, electron beam curable resin or ultraviolet curable resin is used.



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